Material Safety Data Sheet

Wilco Distributor

(2232-7 DPM Book)

(463-12-3)

DPM 2232-3 PF

Premixed & Frozen

Manufacturer's Name	SIKKENS AEROSPACE FINISHES DIVISION	Emergency Telephone No.	(213) 320-6800
Address	20846 S. Normandie Avenue Torrance, California 90502	Other Information Calls	(213) 320-6800
Signature of Person Responsible for Preparation	Lee A Dickinson	Date Prepared	December 1985

SECTION 1 - IDENTITY [redacted] 2232-7

Common Name: (used on label) ✓ Epoxy Component A

Metal Free [ ]
Metal Bearing [X]

Trade Name & Synonyms: Green flocoat primer with X-305

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	Cas No.	% Wt.	ACGIH Threshold Limit Value PPM	ACGIH Threshold Limit Value MG/M³	OSHA Permissible Exposure Limit PPM	OSHA Permissible Exposure Limit MG/M³	LEL	Vapor Pressure (mm Hg)
Flammable Liquid Class 1B								
Methyl Isobutyl Ketone	108-10-1	20-25	50	205	100	410	1.4	15
Xylene (Skin)	1330-20-7	10-15	100	435	100	435	1.0	7
Cyclohexanone (Skin)	108-94-1	10-15	25	100	50	200	1.1	2
Chromate Compounds as:								
Pb	7439-92-1	< 5	--	0.15	--	0.05	--	--
Cr	7440-47-3	< 3	--	0.5	--	0.5	--	--

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SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Range: 281 to 312°F.

Specific Gravity (H₂O=1): 1.2

Vapor Pressure (mm Hg): 2 to 15

Percent Volatile by Volume (%): 69.5

Vapor Density (Air = 1): > 1

Evaporation Rate (_____ = 1): Slower than ether

Solubility in Water: Negligible

Reactivity in Water: Negligible

Appearance and Odor: Green -Solvent odor

Flash Point: 74°F.

Flammable Limits in Air % by Volume: Lower 1.0 Upper --

Extinguisher Media: Foam, CO_2, Dry chemicals

Auto-Ignition Temperature: NE

Special Fire Fighting Procedures: Use water spray only to cool surface and protect personnel. Exclude air. Steam and/or water fog may be used.

Unusual Fire and Explosion Hazards: Do not use water. Vapor forms explosive mixture with air between upper and lower explosion limits. Unopened containers may rupture when hot.

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SECTION 4 - PHYSICAL HAZARDS

Stability: Unstable ☐ Stable ☒ — Conditions to Avoid: Storage at High Temperature.

Incompatability (Materials to Avoid): Strong Oxidizing Agents, Sparks and Open Flames.

Hazardous Decomposition Products: On Combustion CO, CO_2, Lead and Chromium Oxides.

Hazardous Polymerization: May Occur ☐ Will Not Occur ☒ — Conditions to Avoid: None

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value: See Section II

Signs and Symptoms of Exposure — 1. Acute Overexposure: Headache, Nausea, Dizziness, Skin Irritation.

2. Chronic Overexposure: Breathing Vapors Will Be Irritating to Nose, Throat and Eyes. Skin Irritation.

Medical Conditions Generally Aggravated by Exposure: Dermatitis, Chronic Respiratory Problems.

Chemical Listed as Carcinogen or Potential Carcinogen: None — National Toxicology Program: Yes ☐ No ☒ — I.A.R.C. Monographs: Yes ☐ No ☒ — OSHA: Yes ☐ No ☒

OSHA Permissible Exposure Limit: See Section II — ACGIH Threshold Limit Value: See Section II — Other Exposure Limit Used: ---

Emergency and First Aid Procedures

1. Inhalation: Remove Victim to Fresh Air. Administer Oxygen. Consult Physician.

2. Eyes: Flush with Copious Amounts of Water for at Least 15 Minutes. Consult Physician.

3. Skin: Remove Contaminated Clothing. Flush Skin with Water.

4. Ingestion: Consult Physician Immediately. Do Not Induce Vomiting.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Air Supplied, Self Contained Respirator in Confined Area.

Ventilation: To Keep Contaminated Concentration Below The TLV — Mechanical (General): Explosion Proof Ventilation — Special: — Other: Equipment:

Protective Gloves: Chemically Resistant — Eye Protection: Safety Glasses, Goggles or Face Shields.

Other Protective Clothing or Equipment: Long Sleeves, Protective Apron. Eye Bath and Safety Shower.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Keep Container Closed When Not In Use. Do Not Handle or Store Near Flames, Heat or Strong Oxidents. Adequate Ventilation Required.

Other Precautions: Empty Containers May Be Hazardous, Fumes are Very Flammable. All Equipment Should Be Electrically Grounded. DO NOT WELD EMPTY CONTAINERS.

Steps to be Taken in Case Material is Released or Spilled: Eliminate Source of Ignition. Ventilate Area. Prevent from Entering Sewers or Drains. Contain with Sawdust or Other Absorbant. Clean Area

Waste Disposal Methods: Treat as Hazardous Waste. Consult Chemical Waste Disposal and/or Treatment Entity. Refer to Section VI.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

WILCO ASSOCIATES
1627 West 135th st.
Gardena, Calif. 90249

Material Safety Data Sheet

(X-305)

REC'D DEC 21 1987.

Ref DPM 2232-3-2

Manufacturer's Name	SIKKENS AEROSPACE FINISHES DIVISION	Emergency Telephone No.	(213) 320-6800
Address	20846 S. Normandie Avenue Torrance, California 90502	Other Information Calls	(213) 320-6800
Signature of Person Responsible for Preparation	Lee A Hickman	Date Prepared	December 1985

SECTION 1 - IDENTITY

Common Name: (used on label) Amine

Metal Free [X]
Metal Bearing [ ]

Trade Name & Synonyms ✓ Curing Solution-Component B, with 463-12-3

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common names)	Cas No.	% Wt.	ACGIH Threshold Limit Value PPM	ACGIH Threshold Limit Value MG/M³	OSHA Permissible Exposure Limit PPM	OSHA Permissible Exposure Limit MG/M³	LEL	Vapor Pressure (mm Hg)
Flammable Liquid Class 1B								
Butyl Alcohol (Skin)	71-36-3	40-45	C50	C150	100	300	1.7	4
Xylene (Skin)	1330-20-7	40-45	100	435	100	435	1.0	7
Tertiary Amine	90-72-2	5-10	5	--	--	--	NE	<0.01
Amino Silane Ester	1760-24-3	5-10	NE	--	--	--	NE	< 1

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Range 243 to 281°F.

Specific Gravity (H₂O=1) 0.86

Vapor Pressure (mm Hg) 0.01 to 7

Percent Volatile by Volume (%) 87

Vapor Density (Air = 1) >1

Evaporation Rate (_____ = 1) Slower than ether

Solubility in Water Negligible

Reactivity in Water Negligible

Appearance and Odor Clear liquid Amine-solvent odor

Flash Point 80°F. TCC

Flammable Limits in Air % by Volume: Lower 1.0 Upper --

Extinguisher Media CO_2, Foam, Dry Chemical

Auto-Ignition Temperature NE

Special Fire Fighting Procedures Use water spray only to cool surface and protect personnel. Exclude air. Steam and/or water fog may be used.

Unusual Fire and Explosion Hazards Do not use water. Vapor forms explosive mixture with air between upper and lower explosion limits. Unopened containers may rupture when hot.

SECTION 4 - PHYSICAL HAZARDS

Stability: Unstable ☐ Stable ☒ Conditions to Avoid: Storage at high temperature.

Incompatability (Materials to Avoid): Strong oxidizing agents. Inorganic acids. Sparks and open flames.

Hazardous Decomposition Products: On combustion CO, CO_2 Oxides of nitrogen.

Hazardous Polymerization: May Occur ☐ Will Not Occur ☒ Conditions to Avoid: None

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value: See Section II

Signs and Symptoms of Exposure: 1. Acute Overexposure: Headache, nausea, dizziness, skin irritation.

2. Chronic Overexposure: Severe burning at the eyes, nose throat and skin irritation.

Medical Conditions Generally Aggravated by Exposure: Chronic respiratory disease. Sensitive skin may develop dermatitis.

Chemical Listed as Carcinogen or Potential Carcinogen: None

National Toxicology Program: Yes ☐ No ☒

I.A.R.C. Monographs: Yes ☐ No ☒

OSHA: Yes ☐ No ☒

OSHA Permissible Exposure Limit: See Section II

ACGIH Threshold Limit Value: See Section II

Other Exposure Limit Used:

Emergency and First Aid Procedures:

1. Inhalation: Remove victim to fresh air, administer oxygen. Consult physician.

2. Eyes: Flush with copious amounts of water for at least 15 minutes. Consult physician.

3. Skin: Remove contaminated clothing. Flush skin with water.

4. Ingestion: Consult physician immediately. Do Not Induce Vomiting.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Air supplied, self contained respirator in confined areas.

Ventilation: To keep contaminated concentration below the TLV

Mechanical (General): Explosion proof ventilation

Special

Other: equipment.

Protective Gloves: Chemically resistant.

Eye Protection: Safety glasses, goggles or face shield.

Other Protective Clothing or Equipment: Long sleeves, protective apron, eye bath and safety shower.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Keep containers closed when not in use. Do not handle or store near flames, heat, strong oxidents. Adequate ventilation required.

Other Precautions: Empty containers may be hazardous; fumes are very flammable. all equipment should be electrically grounded. DO NOT WELD EMPTY CONTAINERS.

Steps to be Taken in Case Material is Released or Spilled: Eliminate source of ignition. Ventilate area. Prevent from entering sewers or drains. Contain spills with sawdust or other absorbant. Clean area.

Waste Disposal Methods: Treat as hazardous waste. Consult chemical waste disposal and/or treatment entity. Refer to Section VI.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.